

Title (en)
CABLE TERMINAL FOR AN UNDER WATER OPTICAL FIBRE CABLE

Publication
EP 0089057 B1 19871111 (FR)

Application
EP 83102531 A 19830315

Priority
FR 8204505 A 19820317

Abstract (en)
[origin: US4601536A] A connection for connecting a submerged optical fiber line cable (1) to a housing (18) for equipment such as a repeater (17), said housing being provided with an optical fiber access cable (16). The line cable comprises an optical core containing optical fibers, an arch of steel wires surrounding the core, a copper tube swaged down over the arch, and an insulating sheath over the copper tube. The end of said line cable is fixed to a connection piece by means of a conical ring and a plug of hardenable resin. The connection includes a magazine (15) for storing excess lengths of said optical fibers, and said access cable is constituted by a tube inside which the optical fibers extend freely.

IPC 1-7
G02B 6/44; H02G 15/14

IPC 8 full level
G02B 6/24 (2006.01); **G02B 6/44** (2006.01); **G02B 6/38** (2006.01)

CPC (source: EP US)
G02B 6/4417 (2013.01 - EP US); **G02B 6/4428** (2013.01 - EP); **G02B 6/444** (2013.01 - US); **G02B 6/44465** (2023.05 - EP);
G02B 6/4448 (2013.01 - EP US)

Cited by
EP0274192A3; GB2138593A; FR2738924A1; GB2191604A; FR2606963A1; FR2585139A1; GB2159298A; EP0187368A1; FR2575558A1; GB2194700A; GB2194700B; GB2155195A; FR2560455A1; US4621167A; EP0142379B1

Designated contracting state (EPC)
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